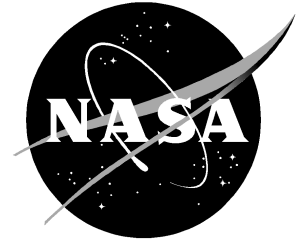


NewsRelease

National Aeronautics and
Space Administration

Langley Research Center
Hampton, Virginia 23681-2199



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For Release: April 3, 2001

RELEASE NO. 01-024

ENGINEER OF THE YEAR

NASA Langley Employee Earns National Honor

The American Institute of Aeronautics and Astronautics (AIAA) recently announced that NASA Langley Research Center employee Steven X.S. Bauer has been selected to receive the 2001 AIAA Engineer of the Year Award.

The Engineer of the Year Award recognizes an individual member of AIAA who has distinguished himself or herself in some facet of aerospace engineering.

The citation for Bauer's award will read, "For maturing and innovatively applying Passive Porosity Technology to achieve improved controllability of aerospace vehicles."

Bauer is a recognized expert in aerodynamic design, advanced aerodynamic control effectors, and passive porosity technology (PassPorT). He has successfully extended PassPorT to aerodynamic, propulsion and drag-reduction concepts as the principal investigator in joint research programs with the Department of Defense, the Office of the Secretary of Defense, the Department of Transportation, the U.S. Navy, the U.S. Air Force, The Boeing Aircraft Company, Lockheed Martin Aircraft Company, Newport News Shipbuilding and Southeastern Trucking Inc.

Many of these organizations also have sought out Bauer's experience in resolving issues associated with flow control and drag reduction in the fields of aerodynamics, fluid dynamics, aero-acoustics and hydrodynamics.

"I was very honored when I was nominated for AIAA Engineer of the Year," Bauer said. "I was quite surprised and excited when I found out that I had been chosen as the national Engineer of the Year."

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Bauer, the nominee from the AIAA's Hampton Roads Section (HRS), is an aerospace engineer in Langley's Configuration Aerodynamics Branch. He joined NASA Langley in 1983 as a co-operative education student and in 1986 as an aerospace technologist.

Bauer was a key member of NASA's High Speed Research (HSR) Program and NASA's ATTAC Program and is presently a key member of NASA's Revolutionary Concepts (REVCON) Program. In addition, he has worked on a wide variety of problems, including hypersonic vehicle "waverider" design, nonlinear wing design, advanced aerodynamic control effectors and high-lift and high angle-of-attack systems.

He has authored more than 36 technical publications. In recent years, he has given several invited lectures to national and international aeronautics, ground transportation and naval research communities as well as universities and schools. He also donates several hours a week to tutoring students in local elementary schools.

Bauer will receive the award at a dinner during the 2001 Aviation Week's Aerospace Exposition, which will be held Oct. 16-18 in Los Angeles.

For a photo of Steven X.S. Bauer, please contact Jim Roberts at (757) 864-8150 or <j.r.roberts@larc.nasa.gov>.

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